

B100/B200M/B400M/B800P Series BRI Card Datasheet

Features

- ▶ Up to 1, 2, 4, 8 ports of S/T BRI interface
- ▶ Each port can be independently configured for TE or NT mode
- ▶ DTMF detection
- ▶ Multiparty audio conferences bridge
- ▶ PCM bus connectors daisy chaining
- ▶ LEDs display the board's status
- ▶ Scalable: Just adding more cards to extend the system
- ▶ Suitable for 3.3 volts and 5.0 volts 32 bit PCI slots for B100P and B800P
- ▶ ITU-T I.430 and TBR 3 certified and S/T ISDN supporting in TE and NT mode
- ▶ RoHS compliant
- ▶ Certificates: CE, FCC, A-Tick
- ▶ tribox™ Officially Certified
- ▶ Elastix® Officially Certified

Operating System
Linux (all versions, releases and distributions from 1.0 up)

Hardware and Software Requirements

- ▶ RAM 128 + MB Linux
- ▶ Kernel 2.4.X or 2.6.X
- ▶ CPU 800+ MHZ
- ▶ Mini PCI or PCI or PCI-E

Environments

- ▶ Temperature: 0 ~ 50°C (Operation)
-40 ~ 125°C (Storage)
- ▶ Humidity: 10 ~ 90% NON-CONDENSING

Overview

OpenVox B100/200M/400M/800P series BRI card delivers great voice quality in the telephony systems. It turns your legacy ISDN BRI equipment into powerful Voice over IP devices and provides a soft migration path from ISDN technology to the new Voice over IP world.

The B100/200M/400M/800P series BRI card brings powerful ISDN BRI connectivity to your Linux machine. It comes with fully GPLed drivers for the Linux kernel. Multiple B800P can be interconnected over an external PCM bus and its active channel switching capability is also working over the external PCM bus.

B100/200M/400M/800P series BRI card works with mISDN, BRIstuff, Asterisk®, Elastix®, FreeSWITCH™, PBX in a Flash, tribox®, Yate™ and IPPBX/IVR projects as well as other Open Source and proprietary PBX, Switch, IVR, and VoIP gateway applications.

Target Applications

- ▶ ISDN BRI PBX (embedded)
- ▶ VoIP BRI Gateways
- ▶ ISDN LAN Routers for BRI
- ▶ ISDN Least Cost Routers for BRI
- ▶ ISDN Test Equipment for BRI

3-Month "No Questions Asked" Return Policy
Lifetime Warranty

Items	Pictures								
	B100M		B200M		B400M		B100P	B100E	B800P
Products	B100MM	B100MS	B200MM	B200MS	B400MM	B400MS			
Bus Type	Mini PCI		Mini PCI		Mini PCI		PCI 2.2+	PCI-E 1.0+	PCI 2.2+
Ports	1 RJ45 S/T		2 RJ45 S/T		4 RJ45 S/T		1 RJ45 S/T	1 RJ45 S/T	4 RJ45 S/T
Optional EC Module	N/A		N/A		N/A		N/A	N/A	N/A
Dimensions (mm)	60×45×10	28×70×16	59×44×7	69×41×14	59×44×7	96×69×14	120×50×16	120×690×16	247×107×16
Weights (g)	10	15	16	27	16	44	46	51	137
DTMF Detection	✓		✓		✓		✓	✓	✓
Bus Master DMA	N/A		N/A		N/A		N/A	N/A	N/A
PCM Bus Connectors	N/A		N/A		N/A		N/A	N/A	✓
Onboard Power Feeding	N/A		N/A		N/A		N/A	N/A	✓
Hardware Watchdog	N/A		✓		✓		✓	✓	✓